Medical Direct

CONTENTS OF VOLUME 54

ORIGINAL ARTICLES

Infantile Cortical Hyperostoses; Preliminary Report on a New Syndrome	*John Caffey, M.D.* *William A. Silverman, M.D.*	1
Hypertrophic Pyloric Stenosis in Infants; Roentgenologic Differential Diagnosis	*Russel F. Miller, M.D.* *Herman W. Ostrum, M.D.*	17
Gastric Volvulus and Other Abnormal Rotations of the Stomach	*Lt. Col. John B. Hamilton, M.C.*	30
Osteochondritis Dissecans of the Supratrochlear Septum of the Humerus	*Surgeon Lt. Comdr. W. E. Crysler, R.C.N.V.R.* *Surgeon Comdr. H. S. Morton, R.C.N.V.R.*	41
Neoplasms Observed in an Army General Hospital; Report of Three Cases	*Major Arthur J. Present, M.C.*	47
Interstitial Emphysema and Pulmonary Collapse Complicating Fractures of the Skull	*Lt. Col. Philip J. Hodes, M.C.* *Major Robert A. Groff, M.C.*	54
Visualization of the Coronary Arteries in Dogs	*Nathan Grossman, M.D.*	57
Irradiation Failures in Early Cervical Cancer; Improved Irradiation or Return to Surgery?	*Franz Buschke, M.D.* *Simeon T. Cantril, M.D.*	60
A Slide Rule for Determination of Dosage from Linear Radium Applicators	*G. Rudinger*	72
A Nomogram for the Evaluation of Intermittent Radon Treatment	*G. Rudinger*	78
The Production of Growth by the Action of the Pituitary Gland on the Vascular and Hemopoietic Systems; Interrelationship between the Lungs and the Pituitary Gland	*Robert C. Moehlig, M.D.*	109
An analysis of the Physical Factors Controlling the Diagnostic Quality of Roentgen Images. Part I. Introduction	*Russell H. Morgan, M.D.*	128
Ebstein Type of Tricuspid Insufficiency; Roentgen Studies in a Case with Sudden Death at the Age of Twenty-seven	*Donald deF. Bauer, M.D.*	136
The Roentgenological Manifestations of Amebiasis of the Large Intestine	*A. Druckmann, M.D.* *S. Schorr, M.D.*	145
The Significance of Cannon's Point in the Normal and Abnormal Functions of the Colon	*Julian Arendt, M.D.*	149
Skeletal Metastases in Cancer of the Breast; Study of the Character, Incidence and Response to Roentgen Therapy	*Jean Bouchard, M.D., D.M.R.E. (Cantab.)*	156
Treatment of Hemangiomas with Roentgen Rays	*James V. Prouty, M.D.*	172
Tumors in One of Homologous Twins; Hodgkin's Disease with Primary Skeletal Manifestations	*Herman Charache, M.D.*	179
Electrokymograph for Recording Heart Motion Utilizing the Roentgenoscope	*George C. Henny, M.S., M.D.* *Bert R. Boone, M.D.*	217
Osteogenic Sarcoma and Chondrosarcoma; With Special Reference to the Roentgen Diagnosis	*Eugene P. Pendergrass, M.D.* *John O. Lafferty, M.D.* *Robert C. Horn, M.D.*	234
Teratoma of the Testis; Report of Sixty-five Cases	*Major John L. Barner, M.C.*	257

Atypical Esophageal Displacement with Left Atrial Dilatation; With Notes on Rheumatic Aortitis	*Bernard S. Epstein, M.D.*	262
Anomalous Right Subclavian Artery	*Major Benjamin Copleman, M.C.*	270
Roentgenological Diagnosis of Benign Tumors (Single Polyps) of the Colon	*Franz J. Lust, M.D.*	276
Roentgen Irradiation in the Treatment of Marie-Strümpell Disease (Ankylosing Spondylarthritis)	*James E. Hemphill, M.D.* *Robert J. Reeves, M.D.*	282
Influence of Biological Factors on the Form of Roentgen-Ray Survival Curves; Experiments on *Paramecium caudatum*	*A. Back* *L. Halberstaedter*	290
Calculation of Radium Dosage Along the Longitudinal Axis of Linear Sources	*Bernard S. Wolf, M.D.*	296
Differential Diagnosis of Tuberculosis in Joints of the Extremities	*Raymond W. Lewis, M.D.*	329
Internal Derangements of the Knee Joint: The Diagnostic Scope of Soft Tissue Roentgen Examinations and the Vacuum Technique Demonstration of the Menisci	*J. Gershon-Cohen, M.D.*	338
Post-traumatic Para-articular Calcifications and Ossifications of the Ankle	*Captain Arnold D. Piatt, M.C.*	348
Transitional Epithelial Cell Carcinoma of the Nasopharynx	*J. E. Whiteleather, M.D.*	357
Calcification in the Ductus Arteriosus	*Arthur E. Childe, M.D.* *Eleanor R. Mackenzie, M.D.*	370
Roentgenological Aspects of Therapeutic Pneumoperitoneum in Pulmonary Tuberculosis	*Ernst A. Schmidt, M.D.*	375
Contrast Roentgenography of the Pneumatic Cells of the Temporal Bone	*Max Unger, M.D.*	384
Multiple March Fractures: The Staticodynamic Effect	*Percy J. Delano, M.D.* *L. V. Capek, M.D.*	389
Contact Roentgen Therapy in Cancer of the Bladder	*Lowell S. Goin, M.D.* *Eugene F. Hoffman, M.D.*	392
An Analysis of the Physical Factors Controlling the Diagnostic Quality of Roentgen Images. Part II. Maximum Resolving Power and Resolution Coefficient	*Russell H. Morgan, M.D.*	395
Notes on the Use of Protective Glass in Photofluorographic Equipment	*Russell H. Morgan, M.D* *Ira Lewis, M.D.*	403
Roentgenographic Interpretation of Acute Hematogenous Osteomyelitis Treated with Penicillin	*W. A. Altemeier, M.D.* *H. G. Reinecke, M.D.*	437
Studies on Roentgen Death in Mice. I. Survival Time and Dosage	*Henry Quastler, M.D.*	449
Studies on Roentgen Death in Mice. II. Body Weight and Sensitivity	*Henry Quastler, M.D.*	457
Pneumoroentgenography with Oxygen in the Diagnosis of Internal Derangements of the Knee Joint	*Surgeon Lt. H. H. W. Brooke* *Surgeon Comdr. W. C. MacKenzie* *Surgeon Lt. Comdr. J. R. Smith*	462
Miniature Chest Fluorography with Control Study	*Harry Hauser, M.D.* *Carroll C. Dundon, M.D.*	470
Miliary Carcinosis of the Lungs Secondary to Primary Cancer of the Gastrointestinal Tract	*Gordon J. Culver, M.D.*	474

Diaphragmatic Hernia and Dilated Esophageal Ampulla; Their Clinical and Diagnostic Significance	*Jacob Abowitz, M.D.*	483
Chronic Nonspecific Regional Enteritis	*Samuel Brown, M.D.*	487
Roentgen Examination in Congenital Intestinal Obstructive Defects in Infants	*Angus K. Wilson, M.D.*	498
The So-called Fifth and Sixth Cerebral Ventricle	*S. J. Silvermann, M.D.*	503
Benign Giant Cell Tumor of the Spine	*Major Elmer H. Brock* *Lt. Col. Franklin B. Bogart*	512
Hypertrophic Osteoarthropathy	*Edward M. Kline, M.D.*	519
Chronology of Röntgen's Life	*Otto Glasser, Ph.D.*	541
Scientific Forefathers of Röntgen	*Otto Glasser, Ph.D.*	545
Post-War Visit to Röntgen's Laboratory	*Major Lewis E. Etter, M.C.*	547
Protection against High Energy Roentgen Rays: Caldwell Lecture 1945	*G. Failla*	553
Experiences with the Roentgen-Ray Tube	*W. D. Coolidge*	583
Early American Roentgenograms	*Otto Glasser, Ph.D.*	590
The Roentgen Examination in Occupational Diseases of the Lungs: A Historical Discussion of Its Use	*Eugene P. Pendergrass, M.D.*	595
Fifty Years of Roentgen Rays in Gastroenterology	*James T. Case, M.D., D.M.R.E. (Cambridge)*	607
Roentgen Diagnosis in Urologic Disorders	*B. H. Nichols, M.D.*	626
Background and Beginning of Cholecystography	*B. R. Kirklin, M.D.*	637
The Development of Modern Neuroroentgenology	*Leo M. Davidoff, M.D.*	640
Early History of Roentgenology of the Sinuses	*Ramsay Spillman, M.D.*	643
History of the Roentgen Ray in the Study of the Heart	*Hugo Roesler, M.D.*	647
The History of the Use of the Roentgen Ray in Warfare: Caldwell-Carman Lecture 1944	*Lawrence Reynolds, M.D.*	649
The Army Roentgen-Ray Equipment Problem	*Col. Alfred A. de Lorimier, M.C.* *Major Maxwell Dauer, M.A.C.*	673
The History of Dosimetry in Roentgen Therapy	*Edith H. Quimby, Sc.D.*	688
Utilization of Antibody for the Localization of Metals and Dyes in the Tissues: Preliminary Report	*1st Lt. Leslie A. McClintock, S.C.* *Major Murray M. Friedman, M.C.*	704
Salient Factors in the Treatment of Hodgkin's Disease and Lymphosarcoma with Roentgen Rays	*Arthur U. Desjardins, M.D.*	707
Biological Evaluation of 20 Million Volt Roentgen Rays. I. Acute Roentgen Death in Mice	*Henry Quastler* *Robert K. Clark*	723
Hookworm Disease: A Small Intestinal Study	*Lt. Col. Philip J. Hodes, M.C.* *Capt. George P. Keefer, M.C.*	728